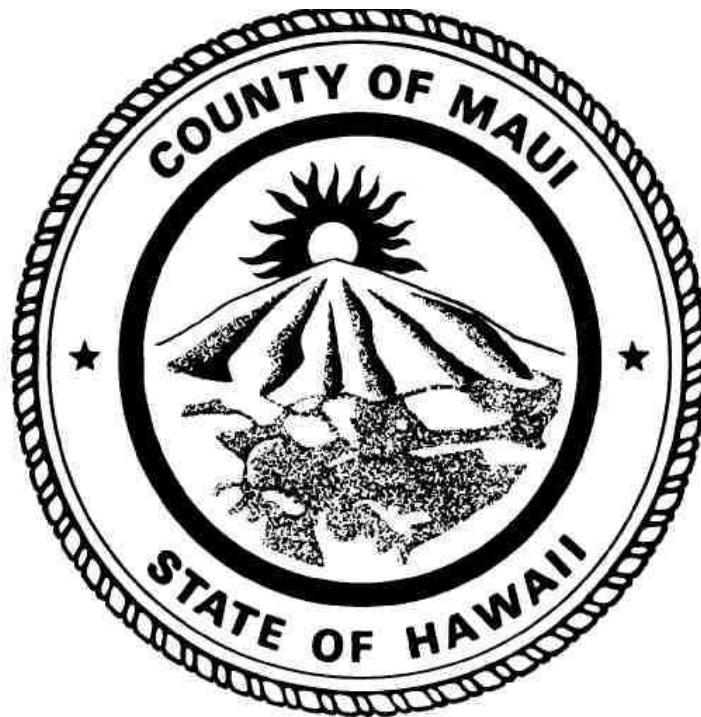


Proposed Budget • Fiscal Year 2007

# Capital Improvement Program



## Capital Improvement Program

The County of Maui's Capital Improvement Program (CIP) is a six-year plan which projects the public infrastructure needs of the community. Capital projects are long-lived expenditures that benefit operations beyond the current period and are recorded as assets. Capital projects are related to land acquisition, construction, expansion or major repair of infrastructure. The appropriation for capital improvement lapses six months after the close of the fiscal year.

The Capital Improvement Program implements the general plan of the County of Maui to the extent practicable. As required by Charter, the capital program shall contain at least the following: a) a simple, clear general summary of the detailed contents of the program; b) the capital improvements pending or proposed to be undertaken within the ensuing fiscal year, together with the estimated cost of each improvement and the pending or proposed finance method; c) capital expenditures to be financed from current revenues in the ensuing year shall be included in the budget as well as in the capital program. Appropriations for such expenditure shall be included in the budget; d) after the public hearing on the capital program, the council may pass the program with or without amendment; e) the council shall pass the capital program on or before the thirty-first day of May of the fiscal year currently ending. If it fails to do so, the program submitted by the mayor shall be deemed enacted as the program for the ensuing fiscal year. The enacted program shall be in effect on and after the first day of that fiscal year; and, f) at any time during a fiscal year the capital program may be amended by ordinance.

The Capital Improvement Program is comprised of both general-purpose and enterprise projects:

### General Purpose

The general-purpose program provides improvements to and/or construction of the county's street system; parks and recreational facilities; police and fire protection facilities; flood protection and storm drainage systems; wastewater systems; various county facilities; cultural

facilities; and improvements to stimulate economic growth. The general purpose program totals \$45.0 million for Fiscal Year 2007.

General Obligation (G.O.) Bonds are the primary funding source for the general-purpose capital program. General-purpose capital improvements are also financed from sources such as real property taxes, assessments, and federal and state grants, state revolving loans. For this Fiscal Year 2007, \$29.4 million is being proposed to be financed using the G.O. Bonds, \$29.6 million in federal and state grants, and \$19.1 in State Revolving Loan Funds.

### Enterprise

The enterprise program consists of improvements to and/or construction of golf course and water systems. The enterprise capital improvement programs of golf course and water utilities are self-supporting and use revenues from operations to fund their capital improvement projects. Additionally, enterprise departments are able to issue debt such as revenue bonds and commercial paper to fund their capital improvement programs. The Fiscal Year 2007 CIP under this program totals \$10.3 million, of which \$8.9 million will be financed from Water Supply Restricted Funds, and \$1.4 million in Water Supply Unrestricted Funds.

The Fiscal Year 2007 CIP totals \$133.4 million. As shown in the pie chart and table on page 21-4, funding for the Fiscal Year 2007 CIP comes from ten sources: \$34.0 million in General Fund, \$29.4 million in General Obligation Bonds, \$0.3 million in Bikeway Fund, \$7.7 million in Highway Fund, \$0.1 million in Lapsed Bonds Fund, \$1.9 million in Park Assessments, \$1.0 million in Wastewater Fund, \$19.1 in State Revolving Loan Funds, \$10.3 million in Water Supply Funds (\$8.9 million in Restricted and \$1.4 million in Unrestricted Funds), and \$29.6 million in capital grants for highways and water system.

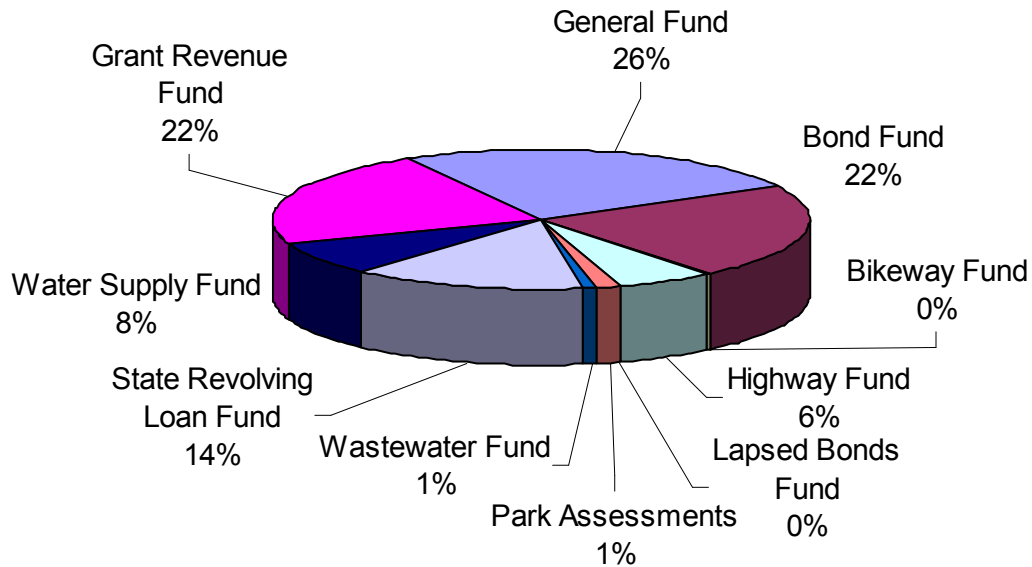
## Definition of Terms and Guidelines to Project Sheets

<b>DEPARTMENT</b>	The department responsible for project management
<b>DISTRICT</b>	One of eight community districts within Maui County: Hana, Paia-Haiku, Makawao-Pukalani-Kula, Wailuku-Kahului, Kihei-Makena, West Maui, Lanai and Molokai. A designation of Countywide indicates the project money benefits or is used in more than one district
<b>EXPENDITURE TYPE - CONSTRUCTION</b>	Funds used for actual construction. Funds can be used to hire outside contractors or to pay for materials if the work is done in-house
<b>EXPENDITURE TYPE – DESIGN</b>	Funds used to pay consultants for planning, engineering, or architectural design and specifications. Cost of designs prepared in-house are not reported as CIP expense
<b>EXPENDITURE TYPE - LAND ACQUISITION</b>	Funds used to lease or purchase land through sale or condemnation. Also includes survey and appraisal costs
<b>EXPENDITURE TYPE – OTHER</b>	Other necessary funding for the projects including construction management, project management, special studies, appraisals, permit approvals or grants to non-profits
<b>FUNDING SOURCE</b>	<p>One letter codes on the project sheet indicate one of nine different funding sources for the project. Projects may have more than one funding source</p> <ul style="list-style-type: none"> <li><b>C</b> Cash funding from the County of Maui which includes General Fund, Highway Fund, Bikeway Fund, Wastewater Fund and Solid Waste Fund</li> <li><b>B</b> General Obligation Bond issues secured by the county's General Fund</li> <li><b>L</b> Lapsed Bond funds are proceeds from the issuance of general obligation bonds that lapse six months after the end of the fiscal year</li> <li><b>P</b> Park assessment is land, or funds in lieu of land, that is dedicated or paid to the county as a condition of the approval of a subdivision. The funds may be used for the purpose of providing parks and playgrounds</li> <li><b>R</b> Restricted Water Supply Funds</li> <li><b>U</b> Unrestricted Water Supply Funds</li> <li><b>X</b> Other fund sources which include State Revolving Loans and private agencies funds</li> <li><b>F</b> Federal funds, usually related to ISTEA (Intermodal Service Transportation Efficiency Act) highway projects. ISTEA Funds are provided at the rate of \$4 to \$1 County match for the construction portion of qualifying projects</li> <li><b>S</b> State funded projects</li> </ul>
<b>OPERATING IMPACT</b>	Estimate of the financial impact of the project on the operating budget, usually in terms of increased/decreased staffing or operating costs in current or future fiscal years

## Definition of Terms and Guidelines to Project Sheets

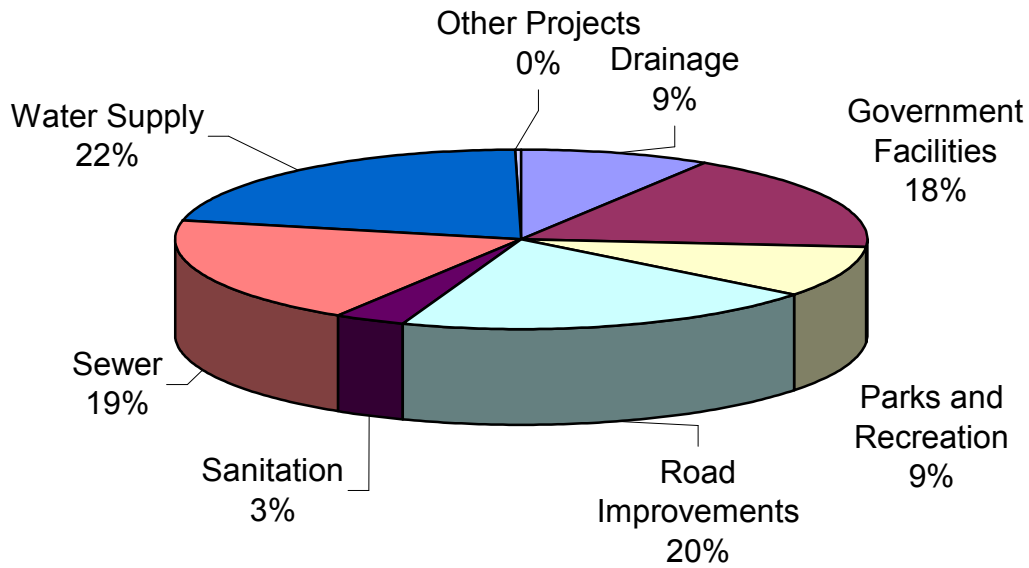
<b>PRIOR APPROPRIATION</b>	Funding for the project appropriated in any prior year. Amounts for prior appropriation are not reflected in yearly recurring projects such as road resurfacing
<b>PROJECT TYPE</b>	<p>One of eight project types. Project types are listed below with common examples:</p> <p><b>Drainage</b> projects include road drainage and gulch improvements and drainage master plans</p> <p><b>Government Facilities</b> projects include construction, improvements, or repairs to facilities such as fire and police stations, youth centers, base yards, and historic sites</p> <p><b>Parks and Recreation</b> projects include playing field construction and lighting, gym improvements, swimming pool construction and repair, and court resurfacing</p> <p><b>Road Improvements</b> projects include new construction, resurfacing, safety improvements, bikeways, sidewalks, and bridge repair and maintenance</p> <p><b>Sanitation</b> projects include landfill facility expansion and closure and co-composting/recycling projects</p> <p><b>Sewer</b> projects include pump station improvements, facility upgrades, and transmission system improvements</p> <p><b>Water Supply</b> projects are those projects involving the construction, repair, and maintenance of facilities and infrastructure under the management of the Department of Water Supply</p> <p><b>Other</b> projects includes capital projects for the county that are not classified on the above project types and for non-county facilities through grant subsidy</p>

## Fund Type Summary



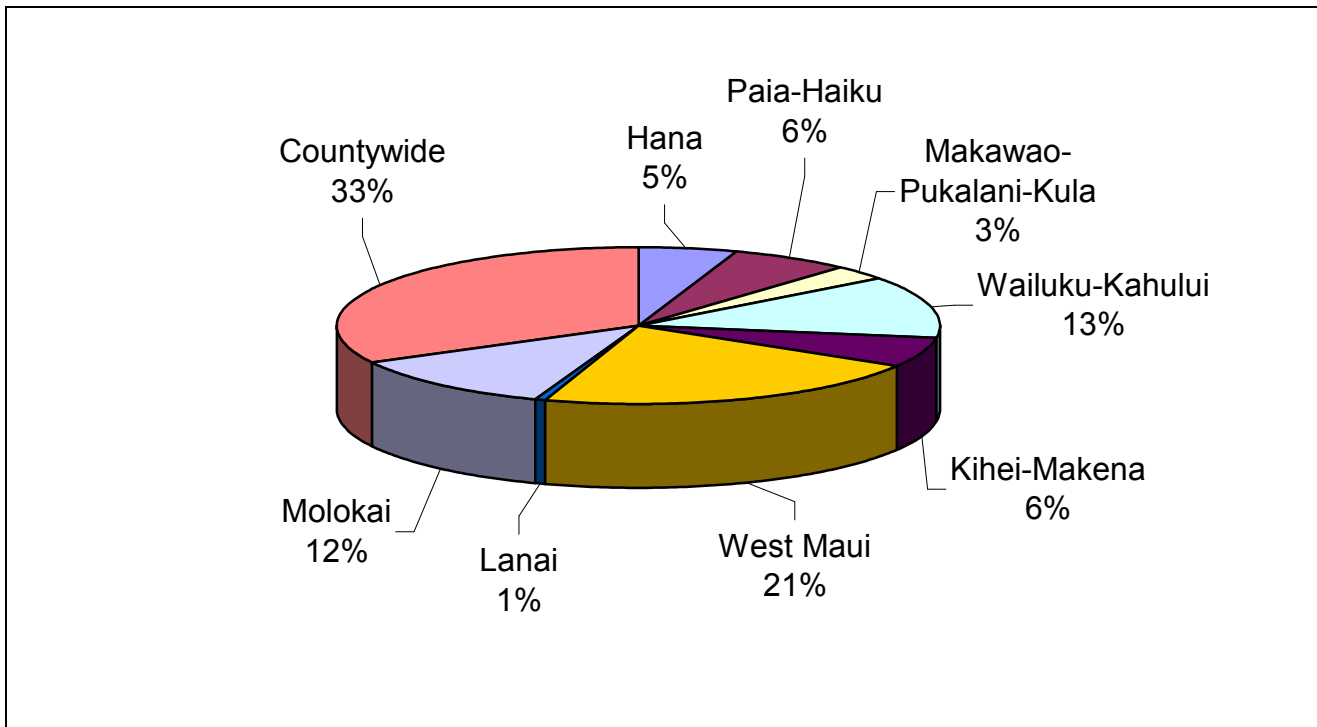
Fund Type	Amount
General Fund	\$ 34,035,000
Bond Fund	29,445,000
Bikeway Fund	300,000
Highway Fund	7,715,000
Lapsed Bonds Fund	110,000
Park Assessments	1,855,000
Wastewater Fund	1,005,000
State Revolving Loan Fund	19,050,000
Water Supply Fund	10,280,000
Grant Revenue Fund	29,600,000
<b>TOTAL</b>	<b>\$ 133,395,000</b>

## Project Type Summary



Project Type	Amount
Drainage	\$ 11,700,000
Government Facilities	23,370,000
Parks and Recreation	12,220,000
Road Improvements	26,675,000
Sanitation	4,495,000
Sewer	25,955,000
Water Supply	28,680,000
Other Projects	300,000
<b>TOTAL</b>	<b>\$ 133,395,000</b>

## District Summary



District	Amount
Hana	\$ 7,090,000
Paia-Haiku	8,435,000
Makawao-Pukalani-Kula	4,230,000
Wailuku-Kahului	16,910,000
Kihei-Makena	8,185,000
West Maui	28,410,000
Lanai	850,000
Molokai	15,465,000
Countywide	43,820,000
<b>TOTAL</b>	<b>\$ 133,395,000</b>

# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

Hana

Dollars in Thousands

## Road Improvements

Hana District Road Resurfacing	300 C
Kaholopo'o Bridge Replacement	900 B
	2,000 F
Papahawahawa Bridge Replacement	1,050 B
	2,800 F

## Sanitation

Hana Landfill Land Acquisition	40 B
<b>Total Hana</b>	<b><u>7,090</u></b>

## Funding Source

300 C  
1,990 B  
L  
P  
R  
U  
X  
4,800 F  
S



# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

Paia-Haiku

Dollars in Thousands

## Government Facilities

Haiku Fire Station	3,000 C
Kaunoa Senior Center	235 C

## Road Improvements

Baldwin Park Bikeway	800 C
	1,600 F
Paia/Haiku District Road Resurfacing	300 C

## Water Supply

Hamakuapoko Wells - Improvements for Central Maui	
Service Area	750 R
Kaupakalua Well Storage Tank	1,500 R
Treatment for Hamakuapoko Wells - Nitrates - Design	250 R

**Total Paia-Haiku** 8,435

## Funding Source

4,335 C  
B  
L  
P  
2,500 R  
U  
X  
1,600 F  
S

# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

# Makawao-Pukalani-Kula

Dollars in Thousands

## Government Facilities

Haleakala Crater Communications Facility Site Repairs	
Engineering Study	80 C
Kula Agricultural Park	100 C

## Parks and Recreation

Kula Tennis Courts	1,300 C
Upcountry Swimming Pool Filter Replacement	150 C

## Road Improvements

Makawao/Pukalani/Kula District Road Resurfacing	600 C
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## Water Supply

Lower Kula Road from Ka to Kimo and Waokele Street	
Waterline Improvements	1,500 R
Omaopio 2 Million Gallon Tank Replacement	500 R

**Total Makawao-Pukalani-Kula** 4,230

## Funding Source

2,230 C  
B  
L  
P  
2,000 R  
U  
X  
F  
S

# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

# Wailuku-Kahului

Dollars in Thousands

## Drainage

Iao Stream Improvements	500 B
	500 F

## Government Facilities

Wailuku Police Station Air Conditioning Coil Replacements	60 C
Wailuku Police Station - Force Training Center Expansion	70 C
Wailuku Police Station - Radio Network Terminal Room Expansion	160 C

## Parks and Recreation

Keopuolani Park Ball Field Lighting	550 C
War Memorial Complex Improvements	1,000 C

## Road Improvements

Kamehameha Avenue Traffic Signal at Hina Avenue	110 L
	240 F
Kamehameha Avenue Traffic Signal Upgrade at Lono Avenue	160 C
	360 F
Market Street Improvements	2,000 B
	4,800 F
Wailuku/Kahului District Resurfacing	600 C

## Sewer

EPA Consent Decree Sewer Rehabilitation	500 X
Wailuku-Kahului WWRF Electrical & Solids Upgrade	2,000 X
Wailuku-Kahului WWRF Tsunami Protection	500 B

## Water Supply

Kahului Tank Replacement	100 R
	100 U
Papohaku Waterline Replacement - Koni, Mamo, Momi & Nika Lane	850 R
Vineyard Street Waterline Improvement	1,500 R
South Waikapu - Exploratory Well - Design & Land	250 R

**Total Wailuku-Kahului** 16,910

## Funding Source

2,600 C
3,000 B
110 L
P
2,700 R
100 U
2,500 X
5,900 F
S

# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

Kihei-Makena

Dollars in Thousands

## Government Facilities

Kihei Police Station 1,500 C

## Parks and Recreation

Kalama Park Pedestrian Path 200 P

Kihei Aquatic Center Shade 80 P

Kamaole Point Improvement 350 P

## Road Improvements

Kihei/Makena District Road Resurfacing 300 C

## Sanitation

Kihei Recycling and Redemption Center 755 B

## Sewer

EPA Consent Decree Sewer Rehabilitation 5,000 X

**Total Kihei-Makena** 8,185

## Funding Source

1,800 C

755 B

L

630 P

R

U

5,000 X

F

S

# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

West Maui

Dollars in Thousands

## Drainage

Lahaina Watershed Flood Control	1,900 B
	5,300 F

## Parks and Recreation

Boys and Girls Club of Maui - Lahaina Unit	2,500 C
Lahaina Aquatic Center Filter Replacement	75 P
Lahaina Civic Center Improvements	900 P
Napili Park Playground	250 P

## Road Improvements

Keawe Street Extension	1,500 C
	2,000 F
Lower Honoapiilani Road Improvements	1,000 B
West Maui District Road Resurfacing	300 C

## Sanitation

Lahaina Recycling Drop-box & Redemption Center	75 B
Olowalu Convenience Center Resurfacing	150 B

## Sewer

EPA Consent Decree Sewer Rehabilitation	1,500 X
Lahaina WWPS #1 Replacement	7,050 X
	350 C
Lahaina WWRF Modifications, Stage IA	2,500 B

## Water Supply

Lahaina WTP Improvements - PVDF Retrofit	100 U
Mahinahina Treatment Plant Improvements	710 R
Treatment for Honokahua Well A Design	250 R

**Total West Maui** 28,410

## Funding Source

4,650 C  
5,625 B  
L  
1,225 P  
960 R  
100 U  
8,550 X  
7,300 F  
S

# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

Lanai

Dollars in Thousands

## Government Facilities

Lanai Senior Center 85 C

## Parks and Recreation

Lanai Community Center Grease Trap 65 C

## Road Improvements

Lanai District Road Resurfacing 200 C

## Sanitation

Lanai Landfill Storm Water System Reconstruction 500 B

**Total Lanai** 850

## Funding Source

350 C

500 B

L

P

R

U

X

F

S

# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

Molokai

Dollars in Thousands

## Drainage

Kaunakakai Drainage System 2,000 B

## Government Facilities

New Kaunakakai Fire Station 10,500 C

## Road Improvements

Kolapa Street Sidewalk Improvements 175 C

Molokai District Road Resurfacing 300 C

## Sanitation

Molokai Integrated Solid Waste Facility Intersection Improvements 1,500 B

## Sewer

Kaunakakai WWRF Facility Plan Update 80 C

## Water Supply

Kaunakakai-Kawela System Well No. 2 - Design

Development 400 R

Kawela Tank Enlargement 110 R

Pano & Puili Place Waterline Improvement - Construction 400 B

**Total Molokai** 15,465

## Funding Source

11,055 C

3,900 B

L

P

510 R

U

X

F

S

# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

Countywide

Dollars in Thousands

## Drainage

Countywide Culvert Inventory and Assessment Study	200 C
Countywide Drainage Improvements	500 B
Countywide Highway Baseyards Drainage Grease Traps Program	800 C

## Government Facilities

ADA Improvements for Various County Facilities	500 C
Countywide Facility Building Improvements	500 C
Countywide Fire Facilities	500 C
Countywide Police Facilities	300 C
Kalana O Maui Air Conditioning - Chiller Unit Replacement	480 C
Kalana O Maui Air Conditioning - Cooling Tower Replacement	275 C
Microwave Link Radio Upgrade	275 C
Morgue Purchase and Renovations	4,000 C
Wi-MAX Wireless Network Infrastructure	750 C

## Parks and Recreation

Countywide ADA Improvements	2,800 C
Countywide Cesspools	1,700 C
Countywide Parks Improvements	300 C

## Road Improvements

Countywide Bikeway Program	300 C
Countywide Bridge Repair and Maintenance	300 B
Countywide Road Resurfacing	400 C
Countywide Safety Improvements	600 C

## Road Improvements (Continued)

Countywide Speed Hump Program	500 B
Urban Traffic Signal Prioritization Study	180 C

## Sanitation

Countywide Equipment	1,475 B
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## Sewer

Central Operations & Maintenance Facilities	500 C
	500 X
Countywide EPA Consent Decree WWRF Renovation Projects	1,900 B
Countywide Injection Well Rehabilitation	75 C
Countywide Pump Station Renovations	2,500 X
EPA Consent Decree Compliance Projects	1,000 B

## Water Supply

Acquisition of Surface Water Intakes	7,000 B
	10,000 S
Countywide Archaeological Monitoring	100 U
Countywide Pipe & Facility Improvements	700 U
Countywide Pump Replacements	1,000 B
Flow Meter Installation and Replacement	50 U
Increase in Size of Mainlines	50 U
Land Appraisal & Acquisition	200 R
SCADA System Maintenance and Upgrade	50 U
Security Measures	10 U
Small, In-House Pipe Replacements / Fire Protection Upgrades	50 U
Treatment Plants - Filter Replacement Allowance	200 U

Fund Source: C=County B = G.O. Bond L = Lapsed Bond P = Park Assessment R = Water Restricted U = Water Unrestricted X = Other F = Federal S = State Fund

County of Maui

Fiscal Year 2007 Proposed Budget

21-15



# FISCAL YEAR 2007 CAPITAL IMPROVEMENT PROGRAM

Countywide

Dollars in Thousands

## Other

Communications Network

300 C  
**Total Countywide 43,820**

## Funding Source

15,735 C

13,675 B

L

P

200 R

1,210 U

3,000 X

F

10,000 S